We are inviting students to apply for MSc and BSc projects:

You are interested in:

- Quantum technologies: quantum communication, quantum computing, quantum networks
- Experimental research in photonics or:
- Simulation and optimisation of optical devices
- Interdisciplinary research at the intersection of physics, engineering, computer science, mathematics

MSc and BSc projects in Photonic Quantum Information processing

www.barzgroup.de

We are looking for:

- Excellent and highly motivated students with a background in physics, photonic engineering, or related
- Dependent on project: experience in experimental (quantum) optics and quantum information processing and/or programming skills (Matlab, Mathematica, Python, …)

Possible projects:

1. Building sources for multipartite entangled states for quantum applications (experiment)
2. Optimising single photon sources through algorithmic approaches (theory/simulation, experiment)
3. Simulating and testing silicon photonics circuits (theory/simulation, experiment)

For more information, please contact
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